

INTERNATIONAL SEARCH REPORT

Int'l Application No

PCT/GB 03/02525

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 D06N7/00 B32B25/10 B32B31/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 D06N B32B A47L A47G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 96 22413 A (EKOTEX S R O ;VOREL VITEZSLAV (CZ)) 25 July 1996 (1996-07-25)	1-4, 9, 12-16, 18-34, 37
Y	page 5, line 24 -page 7, line 17; claims; figure	17, 35, 36
P, X	WO 03 014462 A (PEREZ RAUL S ;CRENSHAW R BRUCE (US); ROYAL RUBBER MFG (US)) 20 February 2003 (2003-02-20)	1-4, 9, 12-16, 18-34, 37
	page 4, line 1 -page 5, last line; claims 1-3, 10-15; figures	
	page 9, paragraph 35	
	page 13, line 1 -page 16, paragraph 2	
Y	WO 96 38298 A (MILLIKEN RES CORP) 5 December 1996 (1996-12-05)	35, 36
	abstract; figures 4-6	
	page 1, paragraph 1	
	--- -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

6 October 2003

Date of mailing of the international search report

14/10/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Pamies Olle, S

INTERNATIONAL SEARCH REPORT

Int'l Application No

PCT/GB 03/02525

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 170 526 A (MURRAY JOHN H) 15 December 1992 (1992-12-15) column 1, line 40 - line 54; figures ---	17
A	US 4 112 176 A (BAILEY ALLEN R) 5 September 1978 (1978-09-05) column 1, line 14 - line 22; claims 1,6,8,14; figures 2,3; example 2 column 1, line 45 - line 65 column 3, line 65 -column 4, line 2 column 5, line 4 - line 9 column 5, line 51 - line 59 ---	1-34,37
A	GB 1 373 923 A (MINNESOTA MINING & MFG) 13 November 1974 (1974-11-13) page 1, line 54 - line 63; claims 1-3,5,9,12; figure 5 page 4, line 41 - line 71 page 5, line 1 - line 61 page 5, line 122 -page 6, line 32 -----	1-34,37

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/GB 03/02525

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9622413	A	25-07-1996	CZ 9500130 A3 AU 4383596 A WO 9622413 A1 EP 0804644 A1	15-10-1997 07-08-1996 25-07-1996 05-11-1997
WO 03014462	A	20-02-2003	WO 03014462 A1	20-02-2003
WO 9638298	A	05-12-1996	US 5834086 A AU 5720296 A EP 0879143 A1 US 5928446 A WO 9638298 A1	10-11-1998 18-12-1996 25-11-1998 27-07-1999 05-12-1996
US 5170526	A	15-12-1992	CA 2089723 A1 EP 0556967 A2 JP 3308017 B2 JP 5337072 A	19-08-1993 25-08-1993 29-07-2002 21-12-1993
US 4112176	A	05-09-1978	NONE	
GB 1373923	A	13-11-1974	AR 194718 A1 AU 454388 B2 AU 3547171 A BE 775042 A1 CA 1016330 A1 CH 547915 A DE 2156255 A1 FR 2112547 A5 IT 942302 B JP 54008014 B US 3801421 A ZA 7107478 A CA 952644 A1 US 3711444 A	14-08-1973 31-10-1974 17-05-1973 06-05-1972 30-08-1977 11-04-1974 18-05-1972 16-06-1972 20-03-1973 12-04-1979 02-04-1974 26-07-1972 06-08-1974 16-01-1973